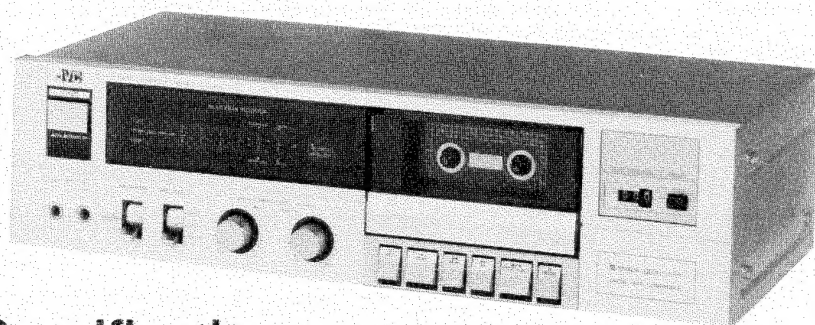


JVC

SERVICE MANUAL

STEREO CASSETTE DECK

MODEL **KD-V100**A/B/C/E/ED/J/U/NA/NB
NC/NE/NED/NJ/NU



This service manual has been compiled based on the KD-V11A/B/C/E/E(D)/J/U (No. 4216).

For repairing such sections as;

Controls and Connections,
Main Parts Location,
Removal of the Main Parts,
Main Adjustments,

refer to the KD-V11A/B/C/E/E(D)/J/U (No. 4216) because the repair procedure is the same.

Specifications

Type : Stereo cassette deck
Track system : 4-track, 2-channel
Tape speed : 1-7/8 inch/sec (4.8 cm/sec)
Frequency response: (0 dB recording)
Metal tape *1;
40—11,000 Hz (± 3 dB)
Chrome tape *2;
40—8,000 Hz (± 3 dB)
Normal tape *3;
40—8,000 Hz (± 3 dB)
(—20 dB recording)
Metal tape *1;
40—15,000 Hz (± 3 dB)
Chrome tape *2;
40—15,000 Hz (± 3 dB)
Normal tape *3;
40—14,000 Hz (± 3 dB)
Note: *1... JVC ME or Equivalent
*2... TDK SA or Equivalent
*3... MAXELL UD or Equivalent
S/N ratio : 58 dB (S = 1 kHz, K3 = 3%,
N = A-Weight, Metal tape)
The S/N is improved by 5 dB at 1 kHz
and by 10 dB above 5 kHz with ANRS/
DOLBY B NR on.
Wow and flutter : 0.08 % (WRMS),
0.20 % (DIN 45 500)
Crosstalk : 60 dB (1 kHz)

Harmonic distortion: K3; 0.5 %, THD; 1.0 %
(metal tape, 1 kHz 0 dB)
Heads : METAPERM head for recording/play-
back,
2-gap ferrite head for erasure
Motor : Electronic governed DC motor
Fast forward time : 100 sec. with C-60 cassette
Rewind time : 100 sec. with C-60 cassette
Input terminals
Mic jack x 2 : Max. sensitivity; 0.4 mV (—68 dBV)
Matching impedance; 600 Ω — 10 k Ω
Input jack x 2 : Min. input level; 80 mV
Input impedance; 100 k Ω
Output terminals
Output jack x 2 : Output level; 300 mV
Output impedance; 5 k Ω
Power requirement : AC 240 V, 50/60 Hz (KD-V100A/B/NA/NB)
AC 120 V, 60 Hz (KD-V100C/J/NC/NJ)
AC 220 V, 50/60 Hz
(KD-V100E/E(D)/NE/NED)
AC 240/220/110 V, 50/60 Hz
(KD-V100U/NU)
Power consumption: With power on; 10 W
With power switch off; 0.8 W
Weight : 7.7 lbs (3.5 kg)

Design and specifications are subject to change without notice

Contents

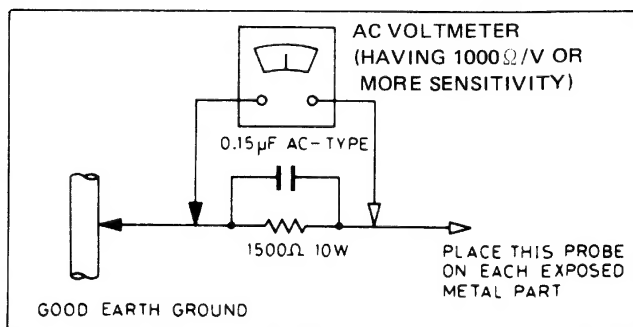
| | Page |
|------------------------------------|------|
| Safety Precautions | 2 |
| Wiring Connections | 3 |
| Standard Schematic Diagram | 4 |
| Amp. P.C. Board Parts List | 5 |
| Location of P.C. Board Parts | 7 |

| | Page |
|---|------------|
| Exploded View of Enclosure Assembly | 8 |
| Parts List of Enclosure Assembly | 9 |
| Parts List of Mechanism Assembly | 9 |
| Exploded View of Mechanism Assembly | 10 |
| Dimension | 13 |
| Accessories | 13 |
| Packing, Packing Parts List | Back cover |

Safety precaution

1. The design of this product contains special hardware. Many circuits and components specially for safety purposes.
For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by (Δ) on the schematics and parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list in Service manual may create shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubings barriers and/or the like to be separated from live parts, high temperature part, moving parts and/or sharp edges for the prevention of electric shock and fire hazard.
When service is required, the original lead routing and dress should be observed, and they should be confirmed to be returned to normal, after re-assembling.

5. Leakage current check
(Safety for electrical shock hazard)
After re-assembling the product, always perform an isolation check on the exposed metal parts of the Products (antenna terminals, knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.
Do not use a line isolation transformer during this check.
 - Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5 mA AC (r.m.s.).
 - Alternate check method.
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having 1,000 ohms per volt or more sensitivity in the following manner. Connect a 1500 Ω 10 W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter.
Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75 V AC (r.m.s.).
This corresponds to 0.5 mA AC (r.m.s.).



Wiring Connections

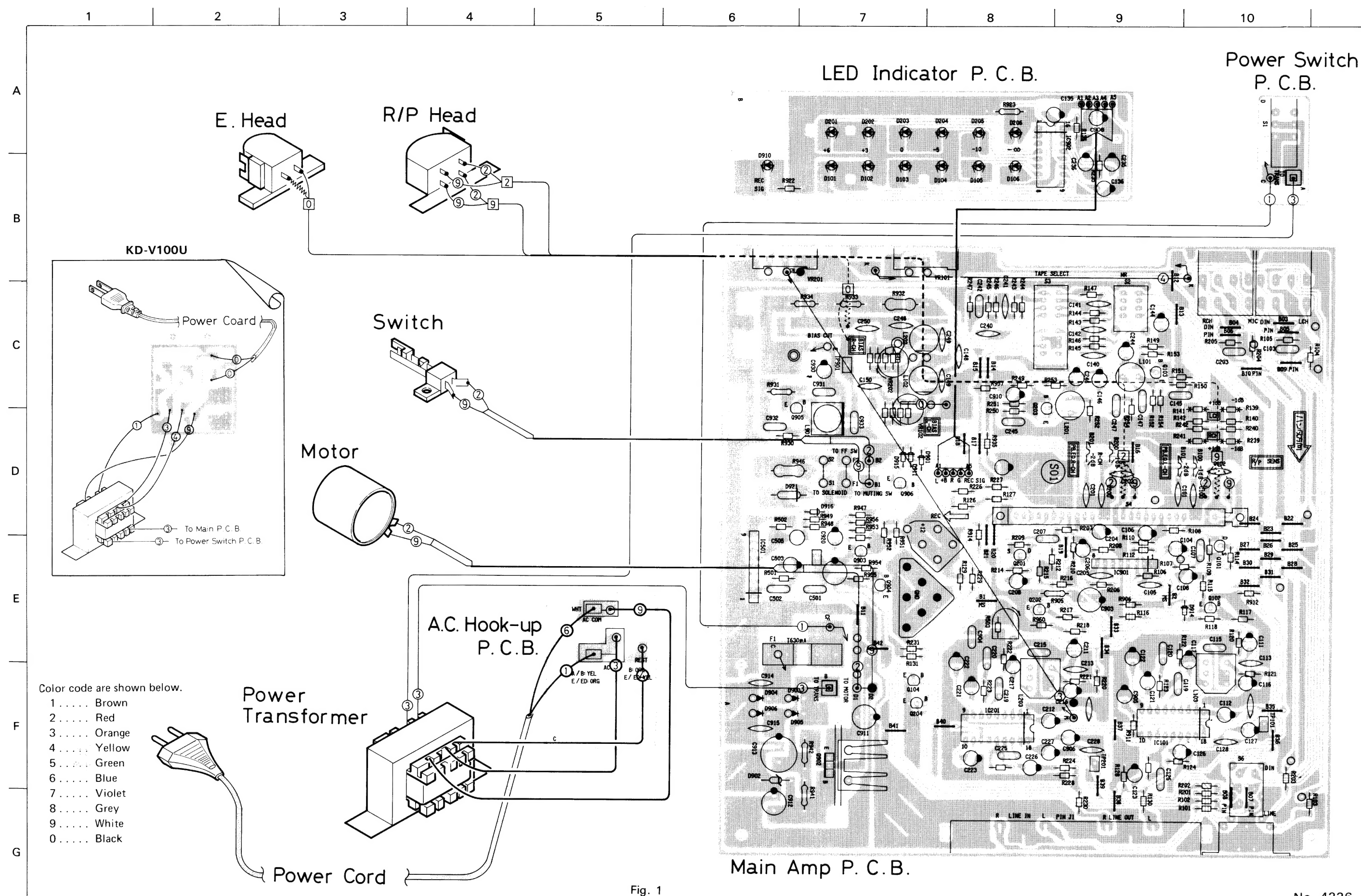
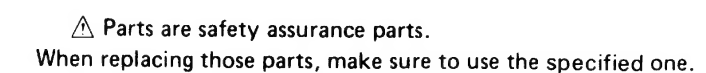


Fig. 1

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|



Amp. P.C.B. Parts List

⚠ parts are safety assurance parts.

When replacing those parts, make sure to use the specified one.

| Ref. No. | Parts No. | Parts Name | Remarks |
|---|---------------|--------------|----------------|
| IC101, 201 | AN7363N | I.C. | |
| IC902 | IR2E27A | " | |
| IC901 | UPC1228H | " | |
| Q904 | 2SA733A(P,K) | Transistor | |
| ⚠ Q902 | 2SC1162(B,C) | " | |
| Q905 | 2SC1318(R,S) | " | |
| Q102, 104, 202, 204, 903 | 2SC1684(R,S) | " | |
| Q103, 203 | 2SC2634(T) | " | |
| Q101, 201 | 2SK246(GR,BL) | F.E.T. | |
| D104-106, 204-206 | GL-9EG792 | L.E.D. | |
| D101-103, 201-203, 910 | GL-9PR72 | " | |
| D902 | RD12E(B2) | Ze. Diode | |
| D901, 911, 914 | 1SS133T-77 | Si. Diode | |
| ⚠ D903-906 | 11E1-TB2 | " | |
| VR101, 201 | QVF0A2A-054 | V. Resistor | |
| VR102, 202 | QVP4A0B-104 | " | |
| S2 | QSL2209-002 | Lever Switch | |
| S3 | QSL4309-021 | " | |
| S1 | QSP0219-061 | Push Switch | |
| S6 | QSP2210-061 | " | KD-V100ED only |
| S4 | QSS9201-005R | Slide Switch | |
| L901 | VQH1008-006 | Coil | |
| L102, 202 | VQP0001-183S | Inductor | |
| L101, 201 | " -822S | " | |
| L103, 203 | VQZ0016-001 | Filter | |
| R932 | QRD121J-101 | C. Resistor | |
| R942 | QRD141J-1R0 | " | |
| R905 | " -121 | " | |
| R923 | " -391 | " | |
| R941 | " -471 | " | |
| R931 | " -5R6 | " | |
| R934 | " -8R2 | " | |
| R933 | " -820 | " | |
| R108, 208 | QRD161J-101 | " | |
| R103, 203, 922, 957 | " -102 | " | KD-V100ED only |
| R135, 153, 235, 253, 911, 952, 960 | " -103 | " | KD-V100ED only |
| R117, 217 | | " | KD-V100ED only |
| R118, 218 | | " | KD-V100ED only |
| R144, 151, 244, 251 | QRD161J-104 | " | KD-V100ED only |
| R114, 214 | " -105 | " | |
| R152, 252 | " -122 | " | |
| R140, 240 | " -123 | " | |
| R935 | " -124 | " | |
| R914 | " -152 | " | |
| R142, 242 | " -153 | " | |
| R145, 245 | " -154 | " | |
| R124, 224 | " -182 | " | |
| R115, 127, 215, 227 | " -183 | " | |
| R121, 221 | " -222 | " | |
| R150, 250, 954, 955 | " -223 | " | |
| R154, 254 | " -271 | " | |
| R105, 230 | " -332 | " | |

| Ref. No. | Parts No. | Parts Name | Remarks |
|--|-------------|--------------|----------------|
| R130, 205, 229, 129 | QRD161J-332 | C. Resistor | KD-V100ED only |
| R126, 226 | " -333 | " | |
| R906 | " -334 | " | |
| R146, 246 | " -394 | " | |
| R116, 122, 131, 216, 222, 231, 912 | " -472 | " | |
| R105, 205 | | " | KD-V100ED only |
| R102, 139, 141, 202, 239, 241 | QRD161J-473 | " | |
| R109, 209 | " -473 | " | |
| R112, 212, 951, 953 | " -562 | " | |
| R101, 201 | " -563 | " | |
| R149, 249 | " -564 | " | |
| R956 | " -6R8 | " | |
| R107, 207 | " -622 | " | |
| R123, 223 | " -680 | " | |
| R128, 228, 930 | " -682 | " | |
| R147, 247 | " -683 | " | |
| R106, 110, 206, 210 | " -684 | " | |
| R104, 204 | " -822 | " | KD-V100ED only |
| R143, 243 | " -823 | " | |
| C914, 915 | QCF11HP-103 | C. Capacitor | |
| C105, 205 | QCS11HJ-151 | " | |
| C100, 200 | " -221 | " | |
| C148, 248 | " -391 | " | |
| C101, 113, 201, 202, 213 | " -471 | " | |
| C102 | " -561 | " | |
| C149, 249 | QCS12HJ-151 | " | |
| C150, 250 | QCY42HK-221 | " | |
| C104, 204 | QEB41EM-475 | E. Capacitor | |
| C121, 221 | QEB41HM-104 | " | |
| C123, 223, 906, 910 | QET41AR-107 | " | |
| C106, 206, 905 | " -476 | " | |
| C903 | QET41CM-227 | " | |
| C911, 912 | " -337 | " | |
| C108, 126, 208, 226, 908, 920, 930 | QET41ER-106 | " | |
| C136, 236 | " -226 | " | |
| C913 | " -477 | " | |
| C111, 112, 117, 135, 144, 146, 211, 212, 217, 235, 244, 246 | QET41HR-105 | " | |
| C127, 227 | " -335 | " | |
| C116, 122, 216, 222 | " -475 | " | |
| C103, 141, 203, 241 | QFN41HJ-102 | MY Capacitor | |
| C142, 242 | " -152 | " | |
| C125, 225 | " -182 | " | |

| Ref. No. | Parts No. | Parts Name | Remarks |
|------------------------|---------------|----------------|--------------------------------------|
| C119, 219 | QFN41HJ-272 | MY Capacitor | |
| C933 | QFP42AJ-103 | P.P. Capacitor | |
| C932 | " -472 | " | |
| C107, 115, 207, 215 | QFV41HJ-103 | T.F. Capacitor | |
| C147, 247 | " -123 | " | |
| C145, 245 | " -154 | " | |
| C931 | " -223 | " | |
| C120, 220 | " -683 | " | |
| J4 | QMC9014-007 | DIN Socket | KD-V110ED only |
| ⚠ F1 | QMF51A2-R63 | Fuse | KD-V100A/E/U/ ED/NA/NE/ NU/NED |
| ⚠ F1 | QMF51A2-R63BS | " | KD-V100B/NB |

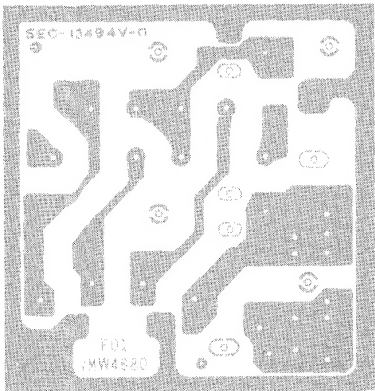
| Ref. No. | Parts No. | Parts Name | Remarks |
|--------------------|--------------|-----------------|---------------|
| J2, 3 | QMS6313-007 | Mic. Jack | |
| J1 | VMJ3004-102 | Pin Jack | |
| TP101, 201, 901 | VKL3143-001 | Tab | |
| B03-08 | QWY124-016 | Formed Bus Wire | |
| | VKL5002-001 | Heat Sink | |
| | VMH4003-001 | " | KD-V100U only |
| | SSSP3006Z | Screw | |
| | DPSP3008Z | " | Heat Sink |
| | TAZ000331-02 | Fuse Clamp | |

Location of P.C. Board Parts

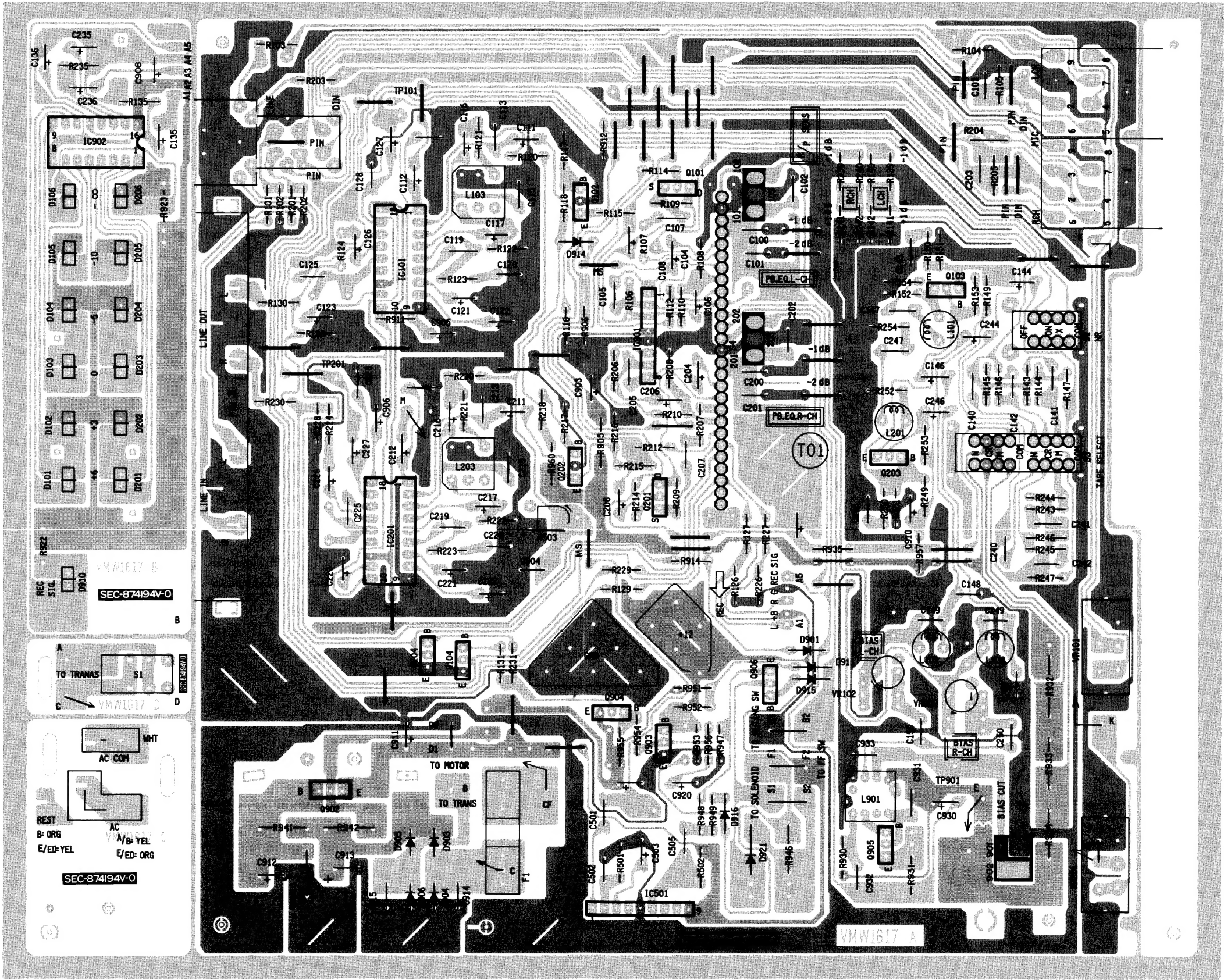
Main amp. P.C. Board

LED indicator P.C. Board

Power switch P.C. Board



V. Select P.C. Board



AC. Hook-up P.C. Board

Fig. 3

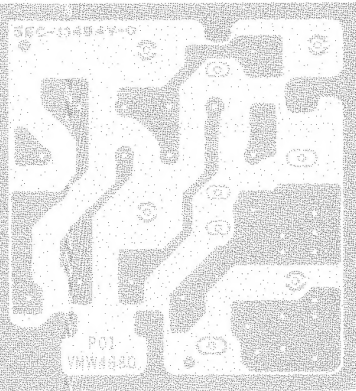


Location of P.C. Board Parts

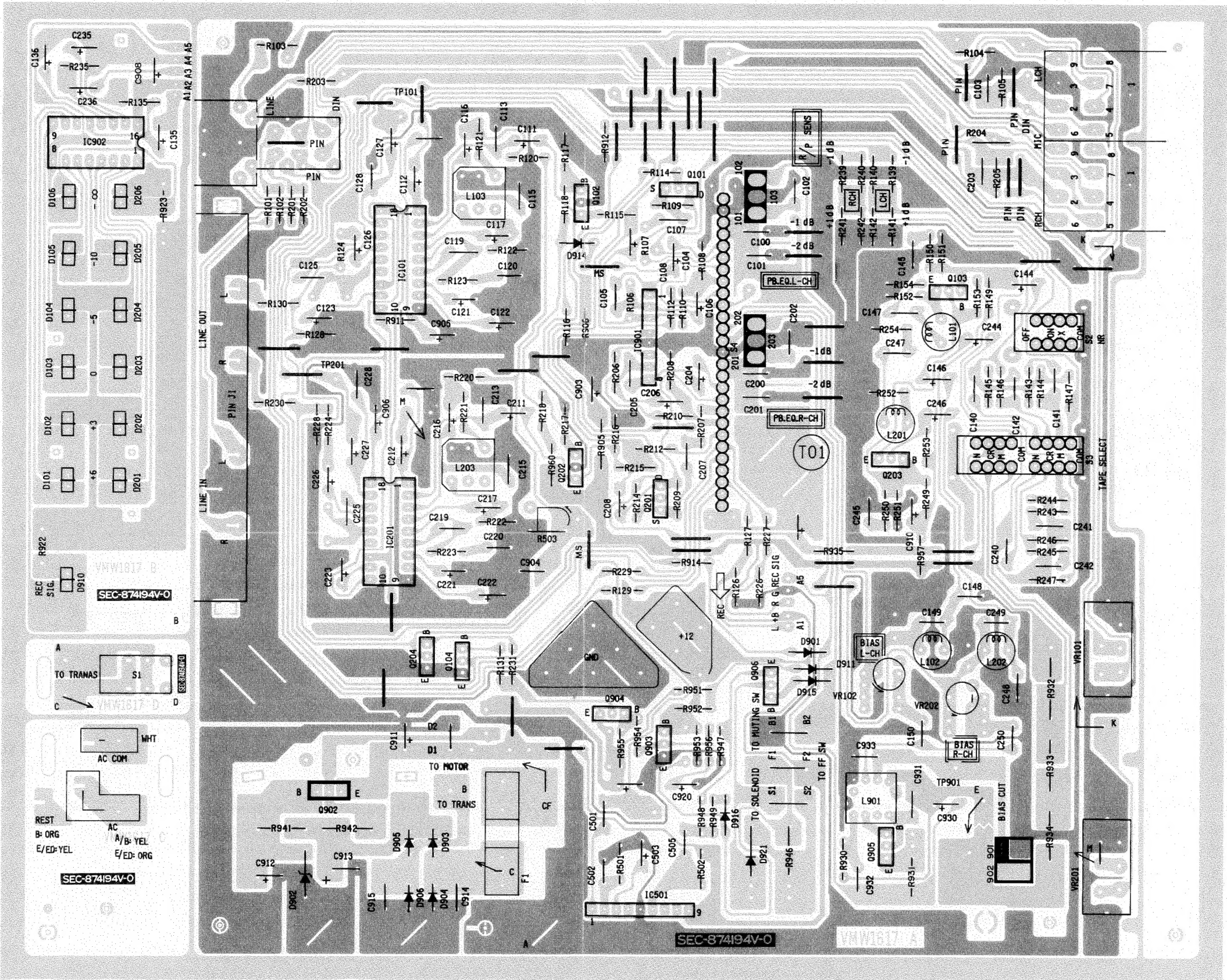
Main amp. P.C. Board

LED indicator P.C. Board

Power switch P.C. Board



V. Select P.C. Board



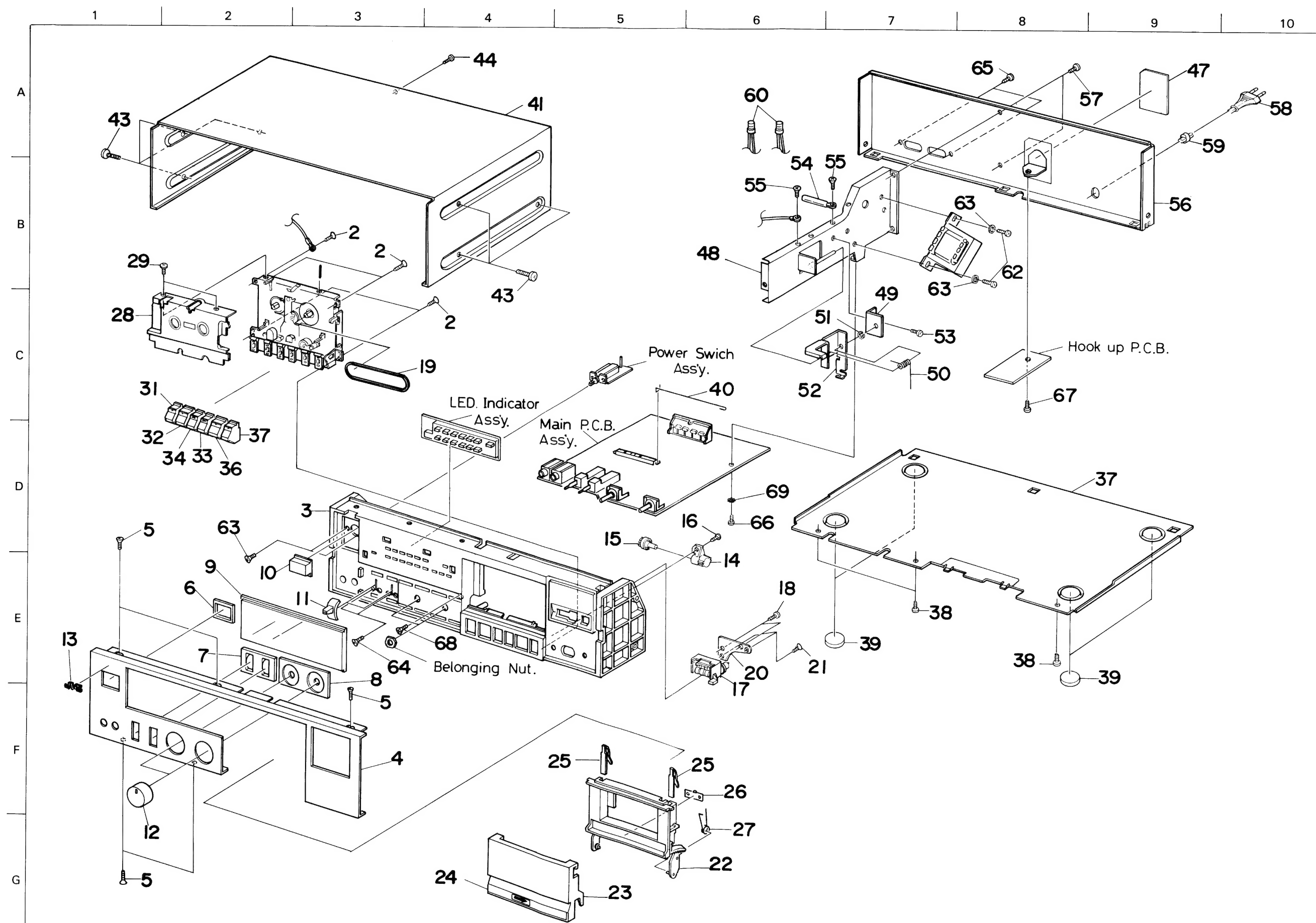
AC. Hook-up P.C. Board

Fig. 3



- + B Circuit
- Transistor and ICs
- Earth

Exploded View of Enclosure Assembly



Parts List of Enclosure Assembly

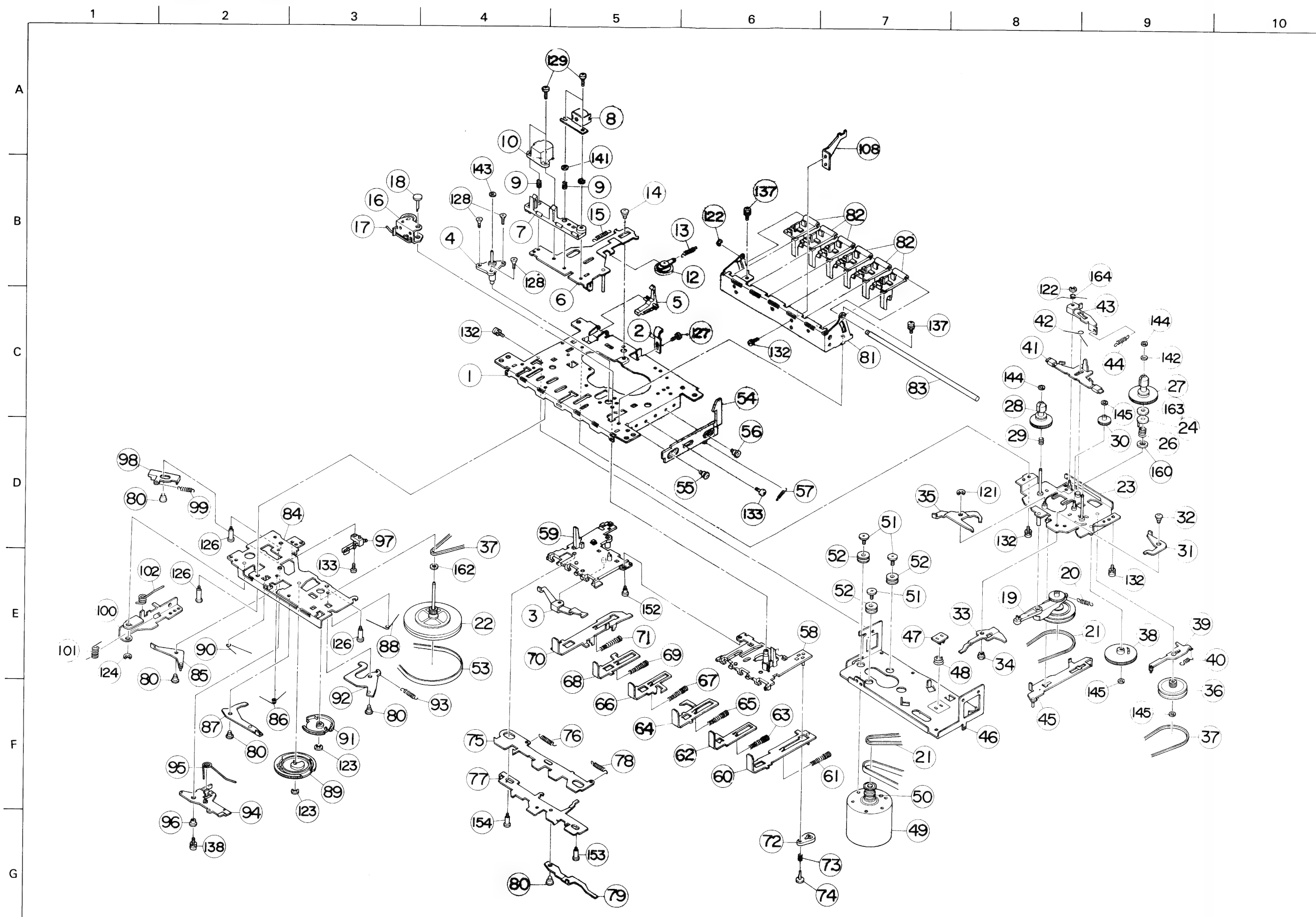
| △ | Ref. No. | Parts No. | Parts Name | Remarks | Q'ty |
|---|----------|---------------|--------------------|--|------|
| | 1 | — | KD-V100Y Mecha. | | 1 |
| | 2 | SSSF3008Z | Screw | Mecha. | 4 |
| | 3 | VJC1345-003 | Front Panel | | 1 |
| | 4, 6~9 | ZCKDV100Y-CBF | Front plate Ass'y | | 1 |
| | 4 | VJC1346-001 | Front Plate | | 1 |
| | 5 | SSSF3008Z | Screw | Front Plate | 5 |
| | 6 | VJD4787-001 | Escutcheon | Power Switch | 1 |
| | 7 | VJD3463-001 | Lever Escutcheon | NR/TAPE Switch | 1 |
| | 8 | VJD3462-001 | Escutcheon | Volume (Input Level) | 1 |
| | 9 | VJK3225-001 | Lens | LED Indicator | 1 |
| | 10 | VXP3108-001 | Power Knob | | 1 |
| | 11 | VXQ4057-003 | Select Knob | | 2 |
| | 12 | VXL4224-001 | Volume Knob | | 2 |
| | 13 | E70913-002 | Mark | | 1 |
| | 14 | VYH5033-002 | Holder | | 1 |
| | 15 | VYH4769-001 | Gear | | 1 |
| | 16 | SDSF3012Z | Screw | Damper Holder | 1 |
| | 17 | VKC5177-001T | Tape Counter | KD-V100A/B/C/E/ED/U/NA/NB/NC/NE/NED/NU | 1 |
| | " | VKC5165-001T | " | KD-V100J/NJ | 1 |
| | 18 | SDSF2605Z | Screw | Tape Counter | 2 |
| | 19 | VKB3000-053 | Counter Belt | | 1 |
| | 20 | VKL5383-002 | Counter Bracket | | 1 |
| | 21 | SSSF3006Z | Screw | Counter Bracket | 2 |
| | 22 | VJT2083-003 | Cassette Holder | | 1 |
| | 23~24 | ZCKDV100Y-CCA | Cassette Lid Ass'y | | 1 |
| | 23 | VJT3110-001 | Cassette Lid | | 1 |
| | 24 | VJD4684-005 | Lid Plate | | 1 |
| | 25 | VKY4295-001 | Spring | | 2 |
| | 26 | VKY4252-001 | " | | 1 |
| | 27 | VKW4397-001 | " | | 1 |
| | 28 | VJD3401-003 | Mecha. Plate | | 1 |
| | 29 | SDST2604Z | Screw | Mecha. Plate | 2 |
| | 30 | VXP3094-013 | Push Button | REC | 1 |
| | 31 | " -014 | " | PLAY | 1 |
| | 32 | " -015 | " | FF | 1 |
| | 33 | " -016 | " | REW | 1 |
| | 34 | " -017 | " | STOP/EJECT | 1 |
| | 35 | " -018 | " | PAUSE | 1 |
| | 36 | — | — | | — |
| | 37 | VJC2112-002 | Bottom Cover | | 1 |
| | 38 | SDSF3008Z | Screw | | 3 |
| | 39 | VJF4003-002 | Foot | | 4 |
| | 40 | VKW4398-001 | Rod | REC. Wire | 1 |
| | 41 | VJC2140-001 | Top Cover | | 1 |
| | 42 | — | — | | — |
| | 43 | SDSB4010R | Screw | | 6 |
| | 44 | SDST3006R | " | Top Cover | 1 |
| | 47 | VYN2124-002KA | Name Plate | KD-V100B | 1 |
| | " | " -003KA | " | KD-V100A | 1 |
| | " | " -004PA | " | KD-V100C | 1 |
| | " | " -005KA | " | KD-V100E | 1 |
| | " | " -006PA | " | KD-V100J | 1 |
| | " | " -007KA | " | KD-V100U | 1 |
| | " | " -008KA | " | KD-V100ED | 1 |
| | 48 | VKL3503-00A | Amp. Chassis | | 1 |
| | 49 | VKL5384-001 | Rec. Bracket | | 1 |
| | 50 | VKW4399-001 | Spring | | 1 |
| | 51 | REE3000 | E. Washer | | 1 |

| △ | Ref. No. | Parts No. | Parts Name | Remarks | Q'ty |
|---|----------|-----------------|-------------------|---------------------|------|
| | 52 | VKL5385-001 | Rec. Arm | | 1 |
| | 53 | SDST3006Z | Screw | | 1 |
| | 54 | VKL4001-011 | Wire Holder | | 3 |
| | 55 | SDST3006Z | Screw | | 2 |
| | 56 | VJC2142-001 | Rear Panel | KD-V100B | 1 |
| | " | VJC2113-011 | " | KD-V100C/J | 1 |
| | " | VJC2142-003 | " | KD-V100ED | 1 |
| | " | " -002 | " | KD-V100U | 1 |
| | 57 | SDST3006N | Screw | | 2 |
| △ | 58 | QMP3900-200 | Power Cord | KD-V100ED/NED | 1 |
| △ | " | QMP2560-200 | " | KD-V100A/NA | 1 |
| △ | " | QMP9017-008BS | " | KD-V100B/NB | 1 |
| △ | " | QMP1200-200 | " | KD-V100C/J/NC/NJ | 1 |
| △ | " | QMP7600-200 | " | KD-V100U/NU | 1 |
| △ | 59 | QHS3876-162 | Cord Stopper | | 1 |
| △ | " | " -162BS | " | KD-V100B | 1 |
| △ | 60 | TAW000504-01 | Connector | KD-V100C/J/NC/NJ | 2 |
| △ | 61 | VTP54M2-011BLBS | Power Transformer | KD-V100B/NB | 1 |
| △ | " | VTP54T2-021BL | " | KD-V100A/NA | 1 |
| △ | " | VTP54A2-021BL | " | KD-V100C/J/NC/NJ | 1 |
| △ | " | VTP54M2-011BL | " | KD-V100E/ED/NE/NED | 1 |
| △ | " | VTP54N2-011BL | " | KD-V100U/NU | 1 |
| | 62 | SDST3006Z | Screw | Power Transformer | 2 |
| | 63 | Q03091-105 | Washer | " | 2 |
| | " | SSSP3006Z | Screw | Power switch | 2 |
| | 64 | SSSP3006Z | Screw | VR/Tape switch | 2 |
| | 65 | SDSF3008N | Screw | Pin Jack | 2 |
| | 66 | SDST3006Z | Screw | Main P.C. Board | 1 |
| | 67 | SDST3006Z | Screw | Hook-up, P.C. Board | 1 |
| | 68 | SSST3006Z | Screw | Chassis | 1 |
| | 69 | WBS3000N | Washer | Amp | 1 |

Comparison Table between Black type and Silver type

| Ref. No. | Parts No. (Silver type) | Q'ty | Parts No. (Black type) | Q'ty | Parts Name |
|----------|-------------------------|------|------------------------|------|--------------------|
| 3 | VJC1345-003 | 1 | VJC1345-005 | 1 | Front Panel |
| 4, 6~9 | ZCKDV100Y-CBF | 1 | ZCKDV100NY-CBF | 1 | Front Plate Ass'y |
| 4 | VJC1346-001 | 1 | VJC1346-003 | 1 | Front Plate |
| 6 | VJD4787-001 | 1 | VJD4787-002 | 1 | Escutcheon |
| 7 | VJD3463-001 | 1 | VJD3463-002 | 1 | Lever Escutcheon |
| 8 | VJD3462-001 | 1 | VJD3462-002 | 1 | Volume Escutcheon |
| 9 | VJK3225-001 | 1 | VJK3225-003 | 1 | LED Lens |
| 13 | E70913-002 | 1 | E70913-001 | 1 | Mark |
| 23~24 | ZCKDV100Y-CCA | 1 | ZCKDV100NY-CCA | 1 | Cassette Lid Ass'y |
| 24 | VJD4684-005 | 1 | VJD4684-007 | 1 | Lid Plate |
| 30 | VXP3094-013 | 1 | VXP3094-001 | 1 | Push Button |
| 31 | " -014 | 1 | " -002 | 1 | " |
| 32 | " -015 | 1 | " -003 | 1 | " |
| 33 | " -016 | 1 | " -004 | 1 | " |
| 34 | " -017 | 1 | " -005 | 1 | " |
| 35 | " -018 | 1 | " -006 | 1 | " |
| 41 | VJC2140-001 | 1 | VJC2140-002 | 1 | Top Cover |
| 43 | SDSB4010R | 6 | SDSB4010M | 6 | Screw |
| 44 | SDST3006R | 1 | SDST3006N | 1 | " |
| 47 | VYN2124-002KA | 1 | VYN2129-002KA | 1 | Name Plate |
| " | " -003KA | 1 | " -002KA | 1 | " |
| " | " -004PA | 1 | " -004PA | 1 | " |
| " | " -005KA | 1 | " -005KA | 1 | " |
| " | " -006PA | 1 | " -006PA | 1 | " |
| " | " -007KA | 1 | " -007KA | 1 | " |
| " | " -008KA | 1 | " -008KA | 1 | " |

Exploded View of Mechanism Assembly



Parts List of Mechanism Assembly

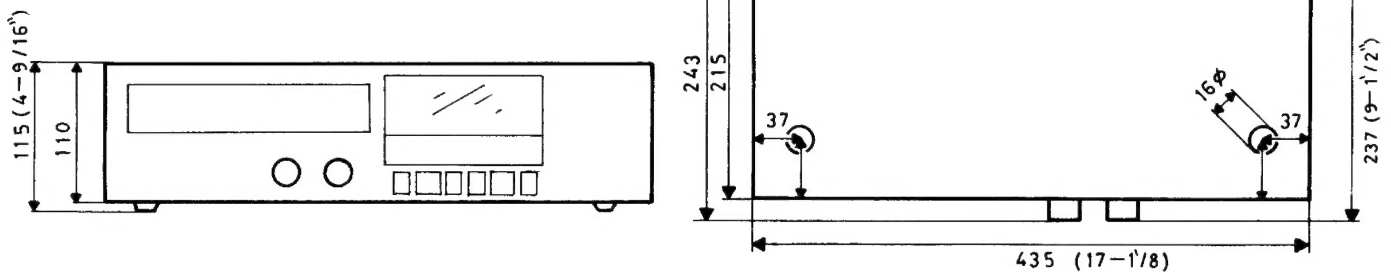
| Ref. No. | Parts No. | Parts Name | Remarks | Q'ty |
|----------|-------------|--------------------------|----------------------|------|
| 1 | 18200101T | Chassis Base | | 1 |
| 2 | 18200102T | Pack Spring | | 1 |
| 3 | 18200202T | Stopper | | 1 |
| 4 | 18201207T | Flywheel Metal | | 1 |
| 5 | 18000201T | Rec. Safety Lever | | 1 |
| 6 | 182003501ZT | Head Panel | | 1 |
| 7 | 18200311T | Head Base | | 1 |
| 8 | VGH0421-014 | R/P Head | | 1 |
| 9 | 14400315T | Spring | Eraser Head | 1 |
| " | 14400315T | " | R/P Head | 1 |
| 10 | VGH0212-104 | Eraser Head | | 1 |
| 12 | 182003301ZT | Take-up Roller | Plate Ass'y | 1 |
| 13 | 18200312T | Spring | Take-up Roller Plate | 1 |
| 14 | 18200316T | Head P. Collar Screw | | 1 |
| 15 | 18200302T | Spring | Head Panel | 1 |
| 16 | 182004303ZT | Pinch Roller | | 1 |
| 17 | 18200403T | P. Roller Spring | | 1 |
| 18 | 17152015T | Stopper | | 1 |
| 19 | 182007301ZT | RF Clutch Ass'y | | 1 |
| 20 | 18200704T | Spring | RF Clutch Arm | 1 |
| 21 | 17150606T | RF Belt | | 1 |
| 22 | 182012301ZT | Flywheel Ass'y | | 1 |
| 23 | 182005501ZT | Reel Bracket Ass'y | | 1 |
| 24 | 18200814T | A.S. Detect Piece | | 1 |
| 26 | 18200817T | A.S. Detect Piece Spring | | 1 |
| 27 | 182006301ZT | Take-up Reel Ass'y | | 1 |
| 28 | 182006302ZT | Supply Reel Ass'y | | 1 |
| 29 | 18200608T | Back Tension Spring | | 1 |
| 30 | 18000610T | Gear | FF | 1 |
| 31 | 18200910T | T.R. Kick Lever | | 1 |
| 32 | 18200818T | Collar Screw | | 1 |
| 33 | 18200805T | Auto Stop Lever | | 1 |
| 34 | 18200811T | Collar | Auto Stop Lever | 1 |
| 35 | 18200911T | Kick Lever | | 1 |
| 36 | 18200801T | Pulley | | 1 |
| 37 | 18200809T | Belt | Auto Stop | 1 |
| 38 | 18200802T | Cam Gear | | 1 |
| 39 | 18200803T | Detect Lever | | 1 |
| 40 | 18200810T | Detect Lever Spring | | 1 |
| 41 | 182009301ZT | Brake Arm Ass'y | | 1 |
| 42 | 18200902T | Brake Spring | | 1 |
| 43 | 18200905T | A.S.G. Lever | | 1 |
| 44 | 15591409T | Spring | | 1 |
| 45 | 18200903AT | Lever | | 1 |
| 46 | 18201301T | FM Bracket | | 1 |
| 47 | 18201302T | FL Thrust Plate | | 1 |
| 48 | 18201310T | Thrust Spring | | 1 |
| 49 | MMI-6A2HUA | DC Motor | | 1 |
| 50 | 18201304T | Motor Pulley | | 1 |
| 51 | 18201305T | Collar Screw | Motor | 3 |
| 52 | 18201306T | Rubber Cushion | " | 3 |
| 53 | 18201303T | Capstan Belt | | 1 |
| 54 | 18201401T | Eject Lever | | 1 |
| 55 | 18201418T | Collar Screw | | 1 |
| 56 | 18201419T | " | | 1 |
| 57 | 15590306T | Spring | Eject Slide Lever | 1 |
| 58 | 18201001AT | Button Base (L) | | 1 |
| 59 | 18201002AT | " (R) | | 1 |
| 60 | 182010501ZT | Lever Ass'y | PAUSE Button | 1 |
| 61 | 18000903T | Button Lever Spring | | 1 |

| △ | Ref. No. | Parts No. | Parts Name | Remarks | Q'ty |
|---|----------|--------------|----------------------|---------------------------------|------|
| | 62 | 18201022T | Lever | STOP Button | 1 |
| | 63 | 18201027T | Button Lever Spring | | 1 |
| | 64 | 18201021T | Lever | FF Button | 1 |
| | 65 | 18000903T | Button Lever Spring | | 1 |
| | 66 | 18201020T | Lever | REW Button | 1 |
| | 67 | 18201026T | Button Lever Spring | | 1 |
| | 68 | 18201019T | Lever | PLAY Button | 1 |
| | 69 | 18201026T | Button Lever Spring | | 1 |
| | 70 | 18201018T | Lever | REC Button | 1 |
| | 71 | 18201026T | Button Lever Spring | | 1 |
| | 72 | 18201041T | Lever | | 1 |
| | 73 | 18201034T | Pause Lever Spring | | 1 |
| | 74 | 18201032T | Stopper | | 1 |
| | 75 | 18201042T | Cam | | 1 |
| | 76 | 18201052T | Spring | Button Cam | 1 |
| | 77 | 18201010T | Switch Cam | | 1 |
| | 78 | 18201031T | Spring | Switch Cam | 1 |
| | 79 | 18201011T | Kick Lever | | 1 |
| | 80 | 18200819T | Collar Screw | REC Function Plate | 1 |
| | " | 18200806T | " | Pause Arm Ass'y, P. Trigger Arm | 3 |
| | 81 | 18201015T | Button Frame | | 1 |
| | 82 | 18201028T | Function Lever | | 6 |
| | 83 | 18201016T | Lever Shaft | | 1 |
| | 84 | 182011501ZT | Chassis Base | | 1 |
| | 85 | 182011510ZT | M. Trigger Arm Ass'y | | 1 |
| | 86 | 18201126T | Spring | M. Trigger Arm | 1 |
| | 87 | 182011503ZT | P. Trigger Arm Ass'y | | 1 |
| | 88 | 18201127T | Spring | P. Trigger Arm | 1 |
| | 89 | 18201103T | Main Gear | | 1 |
| | 90 | 18201131T | Spring | Main Gear | 1 |
| | 91 | 18201104T | Pause Gear | | 1 |
| | 92 | 182011504ZT | Pause Arm Ass'y | | 1 |
| | 93 | 17000932T | Spring | Pause Arm Ass'y | 1 |
| | 94 | 182011505ZT | Lift Arm Ass'y | | 1 |
| | 95 | 18201129T | Spring | Lift Arm | 1 |
| | 96 | 18201130T | Collar | " | 1 |
| | 97 | 64010170T | Leaf Switch | MSW-1412TNBK | 1 |
| | 98 | 18201121T | Plate | REC Function | 1 |
| | 99 | 17001612T | Spring | REC Function Plate | 1 |
| | 100 | 18201122T | Recording Arm | | 1 |
| | 101 | 18201124T | Spring | REC Arm | 1 |
| | 102 | 18201136T | " | REC Damper | 1 |
| | 108 | 18201035T | B. Shaft Stopper | | 1 |
| | 121 | REE1200(T) | E-Ring | Kick Lever | 1 |
| | 122 | REE1500(T) | " | Lever Shaft | 1 |
| | " | REE1500(T) | " | | 1 |
| | 123 | REE2000(T) | " | | 1 |
| | " | REE2000(T) | " | | 1 |
| | 124 | REE3000(T) | " | | 1 |
| | 126 | 18201137T | Collar Screw | | 3 |
| | 127 | SPST2603Z(T) | Th. Tap. Screw | Pack Spring | 1 |
| | 128 | SSSK2030M(T) | Mini Screw | FL Metal | 3 |
| | 129 | SPSX2007Z(T) | PM Screw | Eraser Head | 2 |
| | " | SPSX2007Z(T) | " | R/P Head | 2 |
| | 132 | LPSP2004Z(T) | Ass'y Screw | Reel Bracket | 2 |
| | " | LPSP2004Z(T) | " | | 1 |
| | " | LPSP2004Z(T) | " | | 1 |
| | 133 | SPSP2004Z(T) | Screw | FM Bracket | 1 |
| | " | SPSP2004Z(T) | " | | 1 |
| | 137 | LPSP2604Z(T) | " | | 2 |

| △ | Ref. No. | Parts No. | Parts Name | Remarks | Q'ty |
|---|----------|--------------|-------------------|----------------|------|
| | 138 | LPSP2606Z(T) | " | | 1 |
| | 141 | 93160000T | Washer | | 1 |
| | 143 | 93720000T | Nylon Washer | Oil Cut | 1 |
| | 144 | 94970000T | E-Ring | | 1 |
| | " | 94970000T | " | Take-up Reel | 1 |
| | 145 | 94210000T | Washer | FF Gear | 1 |
| | " | 94210000T | " | Pulley | 1 |
| | " | 94210000T | " | Cam Gear | 1 |
| | 148 | 18200812T | Collar Screw | M. Trigger Arm | 1 |
| | 152 | 18201025T | " | | 1 |
| | 153 | 18201029T | " | | 1 |
| | 154 | 18201030T | " | | 1 |
| | 160 | 97910000T | Polyslider Washer | | 1 |
| | 162 | 97880000T | " | Thrust | 1 |
| | 163 | 18200807T | Felt | | 1 |
| | 164 | 18200913T | Spring | | 1 |

Dimension

unit : mm



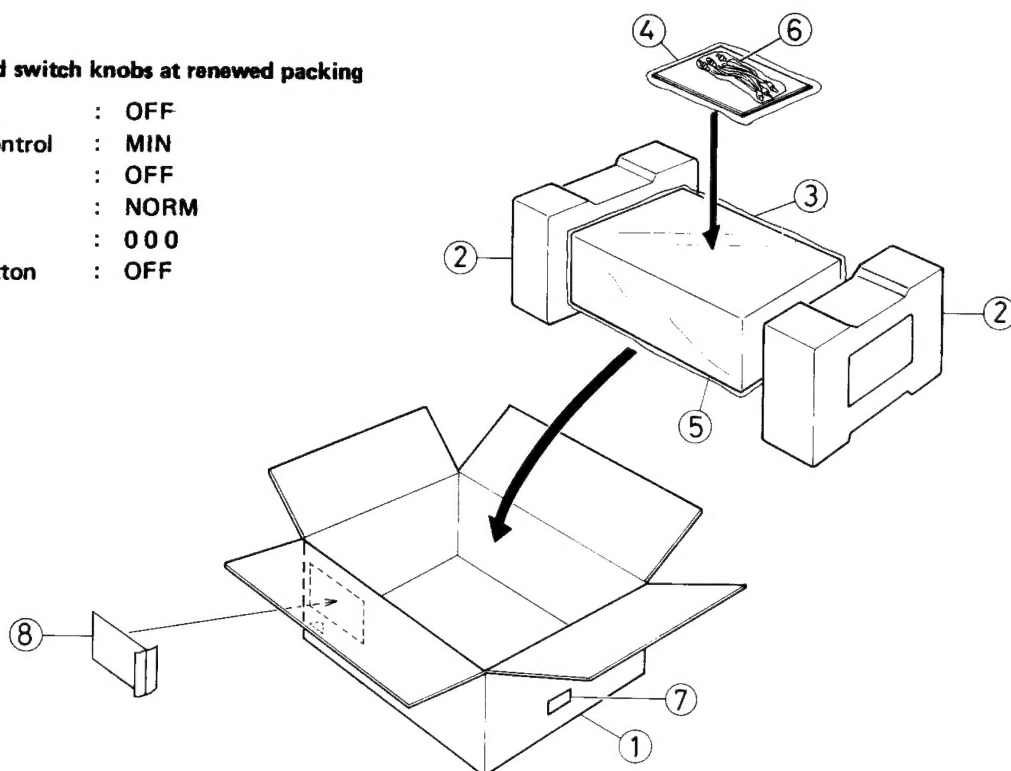
Accessories

| △ | Parts No. | Parts Name | Remarks | Q'ty |
|---|--------------|----------------------|-----------------------|------|
| | VNN0129-301 | Instruction Book | KD-V110B/E/ED | 1 |
| | " -901 | " | KD-V110A/C/J/U | 1 |
| | BT20060 | Warranty Card | KD-V110B | 1 |
| | BT20066 | " | KD-V110B/E/D | 1 |
| | BT20029C | " | KD-V110A | 1 |
| | BT20025F | " | KD-V110C | 1 |
| | BT20047A | " | KD-V110J/U (PX, EES) | 1 |
| | BT20064 | " | KD-V110U | 1 |
| | BT20046B | Special Reply Card | KD-V100J/U (PX, EES) | 1 |
| | BT20071 | Service Centers List | | 1 |
| | BT20044D | Safety Instruction | KD-V100J | 1 |
| | TJL000443-01 | Seal | KD-V100B (BEAB Label) | 1 |
| | TLT000505-01 | Caution Seal | | 1 |
| | QZL1002-003 | Warning Label | KD-V100B | 1 |
| | VNC5004-001 | Mark Sticker | KD-V110B/E/ED | 1 |
| | VNF0129-001 | Feature Sticker | | 1 |
| | T44362-001 | CSA Label | KD-V110C | 1 |
| | VNC5311-201 | Caution Card | KD-V100U (EES) | 1 |
| | VND4037-002 | F. Mark | KD-V100ED | 1 |
| | VNC2200-001 | Instruction Sheet | KD-V100ED | 1 |
| | VMP0002-00D | Pin Cord | | 2 |
| | V04062-001 | Siemens Plug | KD-V100U | 1 |

Packing

Positions of controls and switch knobs at renewed packing

Power switch : OFF
Record input level control : MIN
NR system switch : OFF
Tape select switch : NORM
Counter : 000
Mecha. operation button : OFF



Packing Parts List

| Ref. No. | Parts No. (Silver type) | Parts No. (Black type) | Parts Name | Remarks | Q'ty |
|----------|-------------------------|------------------------|---------------|-----------------------|------|
| 1 | VPD2124-J02 | VPD2129-J02 | Carton | KD-V100B/NB | 1 |
| " | " -J03 | " -J03 | " | KD-V100A/NA | 1 |
| " | " -J04 | " -J04 | " | KD-V100C/NC | 1 |
| " | " -J05 | " -J05 | " | KD-V100E/NE | 1 |
| " | " -J06 | " -J06 | " | KD-V100J/NJ | 1 |
| " | " -J07 | " -J07 | " | KD-V100U/NU | 1 |
| " | " -J08 | " -J08 | " | KD-V100ED/NED | 1 |
| 2 | VPH2180-001 | | Cushion | | 2 |
| 3 | VPE3004-026 | | Poly Bag | for Unit | 1 |
| 4 | " -007 | | " | for Instruction | 1 |
| 5 | TKS000501-08 | | Sheet | | 1 |
| 6 | AP4056A-36 | | Envelope | for Pin Cord | 1 |
| 7 | VPZ4001-001 | | Serial Ticket | | 1 |
| 8 | E66416-003 | | Envelope | KD-V100U/NU (PX, EES) | 1 |
| | Q04141H | | Clamp | KD-V100J/NJ | 1 |
| | VPK4166-001 | | Supporter | for Power Cord | 1 |

JVC

VICTOR COMPANY OF JAPAN, LIMITED.

RADIO & RECORDING MACHINE DIVISION 10-1, 1-chome, Ohwatari-cho, Maebashi-city 371, Japan